APPENDIX A
(Clean Copy Of Amended Claims)

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1. (Amended) A flat induction motor for driving a part of an apparatus, comprising:

a disc-shaped metal rotor including a plurality of slots that extend into the rotor and that are distributed around a center of the rotor in a generally circular configuration;

a stator including a plurality of coil means positioned near the rotor to cause rotation of the rotor by magnetic interaction therewith;

energy controlling means for detecting a relative position of the coil means and the slots and causing current to pass through said coil means based on the relative position in order to cause rotation of the rotor,

wherein said rotor is integral with the part of the apparatus to be driven by the motor.

2. (Amended) The flat induction motor of claim 1, wherein said coil means is positioned along the side of metal parts of said rotor, in a circular configuration, or along at least a portion of the periphery of the motor.

3. (Amended) The flat induction motor of claim 1, wherein said parts of said rotor form at least one spoke, a part of the hub or rim of a wheel of a vehicle.

4. (Amended) The flat induction motor of claim 1, wherein said rotor is a part of a brake system for a wheel of a vehicle.

5. (Amended) A flat induction motor for driving a part of an apparatus, comprising:

a metal rotor comprising a metal plate bent into a circular shape and including a plurality of slots that extend into the rotor and that are distributed around the rotor;

a stator including a plurality of coil means positioned near the rotor to cause rotation of the rotor by magnetic interaction therewith;

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energy controlling means for detecting a relative position of the coil means and the slots and causing current to pass through said coil means based on the relative position in order to cause rotation of the rotor,

wherein said rotor is integral with the part of the apparatus to be driven by the motor.

6. (Amended) The flat induction motor of claim 5, wherein said coil means is positioned along the side of metal parts of said rotor, in a circular configuration, or along at least a portion of the periphery of the motor.

7. (Amended) The flat induction motor of claim 5, wherein said parts of said rotor form a part of the hub or a part of the rim of a wheel of a vehicle.

8. (Amended) The flat induction motor of claim 5, wherein said rotor is a part of a brake system for a wheel of a vehicle.

9. (Amended) A flat induction motor for driving a part of an apparatus, comprising:

a metal rotor comprising a metal plate having a ring shape and including a plurality of slots that extend into the rotor and that are distributed around the rotor;

a stator including a plurality of coil means positioned near the rotor to cause rotation of the rotor by magnetic interaction therewith;

energy controlling means for detecting a relative position of the coil means and the slots and causing current to pass through said coil means based on the relative position in order to cause rotation of the rotor,

wherein said rotor is integral with the part of the apparatus to be driven by the motor.

10. (Amended) The flat induction motor of claim 9, wherein said coil means is positioned along the side of metal parts of said rotor, in a circular configuration, or along at least a portion of the periphery of the motor.

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11. (Amended) The flat induction motor of claim 9, wherein said parts of said rotor form at least a part of the hub or rim of a wheel of a vehicle.

12. (Amended) The flat induction motor of claim 9, wherein said rotor is a part of a brake system for a wheel of a vehicle.

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13. (New) The flat induction motor of claim 1, wherein said slots extend completely through said rotor.

14. (New) The flat induction motor of claim 5, wherein said slots extend completely through said rotor.

15. (New) The flat induction motor of claim 9, wherein said slots extend completely through said rotor.